

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-27 (Canceled).

Claim 28 (Currently Amended): A document editing method ~~comprising: a step in a~~ document editing system ~~actuates a first document processor for editing a plurality of~~ structured documents each having a document structure including a plurality of elements, the ~~first document processor corresponding to a first structured document selected from among~~ said plurality of structured documents; method comprising steps of:

~~a step in which the actuated first document processor reads the~~ reading a first structured document;

~~a step in which the first document processor determines~~ determining type information associated with the read first structured document and ~~determines~~ determining whether ~~or not~~ the first structured document is a block document, ~~the block document including that includes~~ tag information for specifying partial documents that correspond to operation units on which a selected operation may be performed, the and each operation units unit including at least ~~one of the elements that coincides with, or is included in,~~ a portion of the first structured document;

~~a conversion step which is executed~~ converting the first structured document into the block document when the first structured document is ~~not determined~~ not to be the block document, ~~and in which the first structured document is converted into the block document,~~ ~~the first document processor~~ said converting includes

(a) ~~using a block conversion rule based on which the structured document is~~ processed inserting the tag information into the first structured document based on a

block conversion rule to obtain partial documents corresponding to the operation units
~~and the tag information is inserted, or~~

(b) inserting the tag information ~~such that~~ into the first structured document
~~becomes according to an existing structure of the first structured document to obtain~~
partial documents corresponding to the operation units;

~~a step in which the first document processor displays either~~ displaying the first
structured document determined as the block document or the first structured document
converted into the block document on a display;

~~a step in which the first document processor prepares~~ preparing parts data associated
with the first structured document for each of the partial documents[[,]]based on the tag
information included in the first structured document, said parts data including at least the
partial documents included in the first structured document and position information
representing ~~where on the document structure the partial documents are~~ a location within the
first structured document of each partial document;

~~a step in which the first document processor stores~~ storing the first structured
document in a storage as a collection of the parts data; and

~~an editing step in which the first document processor edits~~ editing the first structured
document by updating the parts data corresponding to the partial documents ~~of an operation~~
~~to be performed~~, in accordance with ~~an~~ the selected operation ~~for the partial documents~~
~~selected as an operation target~~.

Claim 29 (Currently Amended): ~~A document editing step according to~~ The method of
claim 28, wherein the ~~partial document includes, as additional information of the partial~~
~~document~~ preparing further comprises preparing parts data for each partial document, the
parts data of a corresponding partial document including:

a type of the corresponding partial document;
at least one conversion rule ~~for converting configured to convert~~ a data format of the corresponding partial document into another data format;
link information inserted in the corresponding partial document and linking to another partial document of the first structured document; and
at least one of a type and an insertion position of ~~another~~ a different partial document that can be inserted into the corresponding partial document, ~~and~~
~~the additional information is included in the parts data.~~

Claim 30 (Currently Amended): ~~A document editing method according to The~~
method of claim 28, wherein said editing step includes ~~a parts moving step in which changing~~
the position information in the parts data of a corresponding partial document when a position on the document structure of the corresponding partial document ~~selected as an operation~~
~~target is moved, position information contained in parts data corresponding to the partial~~
~~document is changed in association with a position of a move destination.~~

Claim 31 (Currently Amended): ~~A document editing method according to The~~
method of claim 28, further comprising:
a step in which ~~the document editing system actuates a second document processor~~
~~corresponding to a second structured document, which is one of said plurality of structured~~
~~documents; and~~
a step in which ~~the second document processor displays the~~ displaying a second
structured document, which is the block document, on the display;
~~wherein the editing step includes a parts insertion step in which:~~

changing position information in first parts data for a first partial document in the first structured document when a the first partial document included in the first structured document and selected as an operation target is inserted into a specified position of the second structured document, ~~position information contained in first parts data corresponding to the parts data representing the first partial document is changed in association with an insertion position in the second structured document;~~

obtaining second parts data for the second structured document; and

storing the second parts data obtained as a result of a change is stored in the storage as parts data on the second structured document.

Claim 32 (Currently Amended): ~~A document editing method according to~~ The method of claim 28, further comprising:

~~a step in which the document editing system actuates a second document processor corresponding to a second structured document, which is one of said plurality of structured documents; and~~

~~a step in which the second document processor displays the~~ displaying a second structured document, which is the block document, on the display,

~~wherein the editing step includes a parts insertion step in which:~~

creating new parts data as parts data for a second structured document when a first partial document included in the first structured document ~~and selected as an operation target~~ is inserted into a specified position of the second structured document, ~~new parts data is created,~~ the new parts data including link information for associating a the specified position in the second structured document with a parts document corresponding to the first partial document, ~~and;~~ and

storing the created new data ~~is stored in the storage as parts data on the second structured document.~~

Claim 33 (Currently Amended): ~~A document editing method according to The~~
method of claim [[29]]28, further comprising:

~~a step in which the document editing system actuates a second document processor corresponding to a second structured document, which is one of said plurality of structured documents; and~~

~~a step in which the second document processor displays the~~ displaying a second
structured document, which is the block document, on the display,

~~wherein the editing includes a parts insertion step in which:~~

~~(a) when a first partial document included in the first structured document and selected as an operation target is inserted into a second parts document being the partial document included in the second structured document, a determination is made to determine~~
determining whether or not the a first partial document in the first structured document can be
inserted into ~~the a~~ a second partial document in a second structured document based on a type
of the first partial document contained in ~~the first parts data~~ corresponding to the first partial
document and a type of another partial document that can be inserted into the second partial
document contained in ~~the second parts data, which is the parts data~~ corresponding to the
second partial document when the first partial document is requested to be inserted in the
second partial document;

obtaining third parts data by changing position information in the first parts data
based on an insertion position in the second structured document and storing the third parts
data in the storage as parts data on the second structured document ~~(b)-when the~~ determining
determines that the first partial document can be inserted into the second partial document;

~~position information contained in the first parts data is changed in association with an insertion position in the second structured document, and third parts data obtained as a result of a change is stored in the storage as parts data on the second structured document; and~~

~~(c) when the partial document cannot be inserted, converting a data format of the first partial document contained in the first parts data is converted into a data format that can be inserted into the second partial document, then changing position information contained in the first parts data is changed in association with an insertion position in the second structured document to create new parts data, and then storing the new parts data obtained as a result of the change in the storage is stored in the storage as parts data of the second structured document when the determining determines that the first partial document cannot be inserted in the second partial document.~~

Claim 34 (Currently Amended): ~~A document editing method according to The~~
method of claim 28, wherein the editing step includes a parts insertion step in which:

when the first partial document of the first structured document displayed on the display is inserted in the second partial document included in the first structured document,

(a) converting the data format of the first partial document that cannot be inserted into the second partial document ~~is converted~~ into a data format that can be inserted into the second partial document,

(b) changing position information contained in parts data corresponding to the first partial document ~~is changed~~ in association with an insertion position in the second partial document, storing in the storage new parts data obtained as a result of ~~a change in the storage is stored~~ the changing as parts data of the second partial document, and deleting from the storage parts data corresponding to the first partial document ~~is deleted from the storage~~.

Claim 35 (Currently Amended): ~~A document editing~~ The method according to claim 29, wherein the parts data ~~corresponding to~~ of the corresponding partial document includes at least one conversion rule, and the method further comprising:

~~editing step includes a display switching step in which~~ switching a display format of the partial document ~~is switched by using~~ based on one of the conversion rules.

Claim 36 (Currently Amended): ~~A document editing~~ The method according to claim 28, ~~wherein the editing step includes a parts deletion step in which~~ further comprising:

~~when the partial document selected as an operation target is deleted,~~ deleting from the storage parts data corresponding to the partial document ~~selected as the operation target and~~ parts data corresponding to ~~[[the]]~~ a contained partial document contained in the partial document ~~selected as the operation target are deleted from the storage~~ when the partial document is deleted.

Claim 37 (Currently Amended): ~~A document editing~~ The method according to claim 28, ~~wherein the editing step includes a parts editing step in which~~ further comprising:

~~when contents of the partial document selected as the operation target is edited,~~ updating the partial document contained in parts data corresponding to the partial document ~~is updated~~ when contents of the partial document are edited.

Claim 38 (Currently Amended): ~~A document editing~~ The method according to claim 28, ~~wherein the editing step includes a parts adding step in which~~ further comprising:

~~when a new partial document is additionally inserted in the first structured document displayed on the display,~~ creating and storing in the storage the parts data including at least ~~[[the]]~~ a new partial document and position information corresponding to an insertion

position where the new partial document is inserted on the first document structure ~~is created~~
~~and stored in the storage~~ when the new partial document is inserted in the first structured
document displayed on the display.

Claim 39 (Currently Amended): ~~A document editing~~ The method according to claim
28, ~~wherein the editing step includes a parts creation step in which~~ further comprising:

extracting a partial document in a range specified by a user ~~is extracted~~ from among
[[the]] partial documents displayed on the display unit; [[,]]

creating new parts data corresponding to the extracted partial document; ~~is created,~~
and

storing the created new parts data ~~is stored~~ in the storage.

Claim 40 (Currently Amended): A document editing system ~~that actuates a document~~
~~processor used~~ for editing a selected structured document, the selected structured document
being one of a plurality of structured documents, each of the structured documents having a
document structure made up of a plurality of elements, said document editing system
comprising:

~~actuation means for actuating document processing means corresponding to a~~
~~structured document selected from among said plurality of structured documents;~~

~~said actuated document processing means including:~~

a reading ~~means for reading~~ unit configured to read the selected structured document;

~~determination means for~~ a determining unit configured to determine a type
information associated with the read structured document and ~~determining~~ configured to
determine whether ~~or not~~ the selected structured document is a block document, ~~the block~~
~~document including~~ that includes tag information for specifying partial documents that

correspond to operation units on which a selected operation may be performed, ~~[[the]]~~ and each operation units unit including at least ~~one of the elements that coincides with, or is included in, the~~ a portion of the selected structured document;

~~conversion means, operated when the first structured document is not determined to be the block document, for converting~~ a converting unit configured to convert the first structured document into [[a]] the block document, the first document processing means when the selected structured document is determined not to be the block document, and configured to

(a) ~~using a block conversion rule based on which the structured document is processed~~ insert the tag information into the first structured document based on a block conversion rule to obtain partial documents corresponding to the operation units ~~and the tag information is inserted, or~~

(b) ~~inserting~~ insert the tag information ~~such that~~ into the first structured document ~~becomes~~ according to an existing structure of the first structured document to obtain partial documents corresponding to the operation units;

a display means for displaying unit configured to display the structured document determined as the block document or converted into the block document;

~~preparation means for~~ a preparing unit configured to prepare parts data associated with the selected structured document for each of the partial documents~~[[,]]~~ based on the tag information included in the selected structured document, said parts data including at least the partial documents included in the selected structured document and position information representing ~~where on the document structure the partial documents are~~ a location within the selected structured document of each partial document;

a storage means for storing unit configured to store the structured document as a collection of the parts data; and

~~editing means for an~~ editing unit configured to edit the selected structured document by updating the parts data corresponding to the partial documents ~~of an operation to be performed~~, in accordance with ~~[[an]]~~ the selected operation ~~for the partial documents selected as an operation target~~.

Claim 41 (Currently Amended): ~~A document editing~~ The system according to claim 40, wherein ~~[[the]]~~ parts data for a corresponding partial document includes, ~~as additional information of the partial document~~:

a type of the corresponding partial document;

at least one conversion rule for converting a data format of the corresponding partial document into another data format;

link information inserted in the corresponding partial document and linking to another partial document of the structured document; and

at least one of a type and an insertion position of another partial document that can be inserted into the corresponding partial document, ~~and~~

~~the additional information is included in the parts data.~~

Claim 42 (Currently Amended): ~~A document editing~~ The system according to claim 40, further comprising: ~~wherein said editing means includes parts moving means, operated when a position on the document structure of the partial document selected as an operation target is moved, for changing~~

a changing unit configured to change position information contained in parts data corresponding to the partial document in association with a position of a move destination.

Claim 43 (Currently Amended): ~~A document editing~~ The system according to claim 40, wherein~~[[:]] the display unit is further configured to display in a case where display means displays a first structured document and a second structured document, the first structured document being actuated by the actuation means and being displayed by first document processing means corresponding to the first structured document, the second structured document being actuated by the actuation means and being displayed by second document processing means, and~~

~~wherein the editing means unit includes a parts insertion means, operated when a first partial document included in the first structured document and selected as an operation target is inserted into a specified position of the second structured document, for changing unit configured to change position information contained in first parts data corresponding to~~
~~[[the]] parts data representing [[the]] a first partial document in association with an insertion a specified position in the second structured document, and for causing configured to cause the storage means unit to store second parts data obtained as a result of a change in the storage means unit as parts data on the second structured document when the first partial document included in the first structured document is inserted into the specified position of the second structured document.~~

Claim 44 (Currently Amended): ~~A document editing~~ The system according to claim 40, wherein~~[[:]] in a case where display means displays the display unit is further configured to display a first structured document and a second structured document, the first structured document being actuated by the actuation means and being displayed by first document processing means corresponding to the first structured document, the second structured document being actuated by the actuation means and being displayed by second document processing means, and~~

wherein the editing means unit includes a parts insertion means, ~~operated when a first partial document included in the first structured document and selected as an operation target is inserted into a specified position of the second structured document, for creating unit configured to create new parts data, the new parts data including link information for associating a specified position in [[the]] a second structured document with a parts document corresponding to [[the]] a first partial document included in the first structured document, and for causing configured to cause the storage means unit to store the created new data as parts data on the second structured document when the first partial document is inserted into the specified position of the second structured document.~~

Claim 45 (Currently Amended): ~~A document editing~~ The system according to claim 40, wherein[[[:] in a case where display means displays the display unit is further configured to display a first structured document and a second structured document, ~~the first structured document being actuated by the actuation means and being displayed by first document processing means corresponding to the first structured document, the second structured document being actuated by the actuation means and being displayed by second document processing means, and~~

wherein the editing means unit includes a parts insertion means ~~which operates as follows: unit configured to~~

(a) ~~when a first partial document included in the first structured document and selected as an operation target is inserted into a second parts document being the partial document included in the second structured document, the parts insertion means makes a determination to determine whether or not the~~ a first partial document in the first structured document can be inserted into [[the]] a second partial document based on a type of the first partial document contained in [[the]] first parts data and a type of another partial document

that can be inserted into the second partial document contained in ~~[[the]]~~ second parts data, which is the parts data corresponding to the second partial document~~[[;]]~~ when the first partial document is inserted into a second parts document included in the second structured document, and

(b) ~~when the first partial document can be inserted into the second partial document, the parts insertion means changes position information contained in the first parts data in association with an insertion position in the second structured document, and causes~~ cause the storage ~~means unit~~ to store third parts data obtained as a result of a change in the storage ~~means unit~~ as parts data on the second structured document~~[[;]]~~ when the first partial document can be inserted into the second partial document, and

(c) ~~when the partial document cannot be inserted, the parts insertion means converts~~ convert a data format of the first partial document contained in the first parts data into a data format that can be inserted into the second partial document, ~~then changes~~ change position information contained in the first parts data in association with an insertion position in the second structured document, and ~~then causes~~ cause the storage ~~means unit~~ to store new parts data obtained as a result of the change in the storage ~~means unit~~ as parts data of the second structured document when the first partial document cannot be inserted.

Claim 46 (Currently Amended): ~~A document editing~~ The system according to claim 41, wherein the parts data corresponding to the partial document includes at least one conversion rule, and the editing ~~means unit~~ includes a display switching ~~means for switching~~ unit configured to switch a display format of the partial document by using one of the conversion rules.

Claim 47 (Currently Amended): ~~A document editing~~ The system according to claim 40, wherein the editing ~~means deletes the~~ unit is further configured to delete from the storage unit a selected partial document ~~selected as an operation target~~ by deleting parts data corresponding to the selected partial document ~~selected as the operation target~~ and by deleting parts data corresponding to ~~[[the]]~~ a partial document contained in the selected partial document ~~selected as the operation target, from the storage means.~~

Claim 48 (Currently Amended): ~~A document editing~~ The system according to claim 40, wherein the editing ~~means~~ unit includes a parts editing ~~means, operated when contents of the partial document selected as an operation target are edited, for updating the unit configured to update a partial document contained in parts data corresponding to [[the]] a partial document when contents of the partial document are edited.~~

Claim 49 (Currently Amended): ~~A document editing~~ The system according to claim 40, wherein the editing ~~means~~ unit includes a parts adding ~~means, operated when a new partial document is additionally inserted in the first structured document displayed on the display means, for creating the unit configured to create parts data including at least [[the]] a new partial document and position information corresponding to an insertion position where the new partial document is inserted on the selected structured document structure, and for causing configured to cause the storage means to store the parts data when the new partial document is inserted in the selected structured document displayed on the display unit.~~

Claim 50 (Currently Amended): ~~A document editing~~ The system according to claim 40, wherein the editing ~~means~~ unit includes a parts creation ~~means for extracting configured to extract a partial document in a range specified by a user from among [[the]] partial~~

documents displayed on the display ~~means, for creating~~ unit, configured to create new parts data corresponding to the extracted partial document, and ~~for causing~~ configured to cause the storage ~~means~~ unit to store the created new parts data.

Claim 51 (Currently Amended): ~~A document editing~~ The system according to claim 40, wherein the block documents of said plurality of structured documents are distributed from a server apparatus.

Claim 52 (Previously Presented): A document editing system according to claim 51, wherein the structured documents distributed from the server apparatus include tag information specifying the partial documents included therein, and the partial document further includes, as additional information of the partial document:

a type of the partial document;

at least one conversion rule for converting a data format of the partial document into another data format;

link information inserted in the partial document and linking to another partial document of the structured document; and

at least one of a type and an insertion position of another partial document that can be inserted into the partial document.

Claim 53 (Currently Amended): ~~A document processing~~ computer program product including a computer program executed for editing a structured document, the structured document being one of a plurality of structured documents and having a document structure made up of a plurality of elements, said document editing program causing the computer to perform steps comprising:

~~a document processing program causing a computer to execute:~~

a step of reading a selected first structured document included among said plurality of structured documents;

a step of determining type information associated with the read structured document and determining whether ~~or not~~ the structured document is a block document, ~~the block document including~~ that includes tag information for specifying partial documents that correspond to operation units unit on which a selected operation may be performed, ~~[[the]]~~ and each operation units unit including at least ~~one of the elements that coincides with, or is included in,~~ a portion of the first structured document;

~~a conversion step, executed~~ converting the first structured document into the block document when the structured document is ~~[[not]]~~ determined not to be the block document, ~~for converting the structured document into a block document, by~~ said converting includes

(a) ~~using a block conversion rule based on which the structured document is processed~~ inserting the tag information into the first structured document based on a block conversion rule to obtain partial documents corresponding to the operation units ~~and the tag information is inserted, or~~ ~~[[by]]~~

(b) inserting the tag information ~~such that~~ into the first structured document ~~becomes~~ according to an existing structure of the first structured document to obtain partial documents corresponding to the operation units;

~~a step of displaying, on a display,~~ displaying the first structured document ~~which is~~ determined as the block document or converted into the block document;

~~a step of preparing parts data~~ associated with the first structured document for each of the partial documents~~[[,]]~~ based on the tag information included in the structured document, said parts data including at least the partial documents and position information representing

~~where on the document structure the partial documents are~~ a location within the first structured document of each partial document;

~~a step of causing a storage to store~~ storing the first structured document as a collection of the parts data; and

~~an editing step of editing the structured document by updating the parts data corresponding to the partial documents of an operation to be performed,~~ in accordance with ~~[[an]]~~ the selected operation ~~for the partial documents selected as an operation target.~~

Claim 54 (New): The method of claim 28, further comprising:

retrieving the block conversion rule based on a storage location of the first structured document.

Claim 55 (New): The method of claim 28, wherein the tag information includes information representing a parent-child relationship between partial documents.

Claim 56 (New): The system of claim 40, further comprising:

retrieving the block conversion rule based on a storage location of the first structured document.

Claim 57 (New): The system of claim 40, wherein the tag information includes information representing a parent-child relationship between partial documents.

Claim 58 (New): The computer program product of claim 53, further comprising:

retrieving the block conversion rule based on a storage location of the first structured document.

Claim 59 (New): The computer program product of claim 53, wherein the tag information includes information representing a parent-child relationship between partial documents.